Cleanup Options to be Considered in the Combined Feasibility Study

Alternative	Action to Dam*	Action to Channel and Floodplain Sediments	Action to Groundwater Plume
1—No Further Action	Safety UpgradeFish Passage	None	Maintain Replacement Water Supply
2A— Modification of Dam and Operational Practices plus Groundwater Institutional Controls (GW ICs)	Safety UpgradeFish PassageInflatable Rubber Dam	None	Maintain Replacement Water SupplyControlled GW Area
2B— Modification of Dam and Operational Practices plus GW ICs and Containment	Safety UpgradeFish PassageInflatable Rubber Dam	None	Slurry Wall, plus actions listed above for 2A
3A— Modification of Dam and Operational Practices with Scour Protection plus GW ICs	Safety UpgradeFish PassageInflatable Rubber Dam	*Channel*: Soft Streambank Stabilization *Floodplain*: Revegetation	Maintain Replacement Water SupplyControlled GW Area
3B— Modification of Dam and Operational Practices with Channelization plus GW ICs and Containment	Safety UpgradeFishPassage/ Inflatable Rubber Dam	*Channel*: Limited Sediment RemovalChannelization with Armoring plus Periodic Maintenance Removal *Floodplain*: None	Slurry Wall Maintain Replacement Water SupplyControlled GW Area
5—Dam Removal, Partial Sediment Removal with Channelization and Leachate CollectionTreatment, plus GW ICs and Natural Attenuation within the Aquifer Plume	Removal	*Channel*: Limited Sediment Removal in ChannelsArmoring *Floodplain*: None	Leachate Collection Maintain Replacement Water SupplyControlled GW Area (Pump and Treat)

Cleanup Options to be Considered in the Combined Feasibility Study

Alternative	Action to Dam*	Action to Channel and Floodplain Sediments	Action to Groundwater Plume
6A— Modification of Dam and Operational Practices with Initial Total Sediment Removal of the Lower Reservoir and Periodic Sediment Removal Thereafter, plus GW ICs and Natural Attenuation in the Aquifer Plume	Safety UpgradeFish PassageInflatable Rubber Dam	*Channel*: Removal *Floodplain*: Total Removal below Duck Bridge	Source RemovalMaintain Replacement Water SupplyControlled GW Area Eventual GW Cleanup Possible
6B— Modification of Dam and Operational Practices with Total Sediment Removal of the Entire Reservoir plus GW ICs and Natural Attenuation within the Aquifer Plume	Safety UpgradeFish PassInflatable Rubber Dam	*Channel*: Total Sediment Removal of Lower Reservoir *Floodplain*: Total Removal below Duck Bridge	Source Removal Maintain Replacement Water SupplyControlled GW Area
7A—Dam Removal with Total Sediment Removal of the Lower Reservoir plus GW ICs and Natural Attenuation within the Aquifer Plume	Removal	*Same as 6B, above*	*Same as 6, above*
7B— Dam Removal with Total Sediment Removal of the Entire Reservoir plus GW ICs and Natural Attenuation within the Aquifer Plume	Removal	*Channel*: Sediment Removal from Entire ReservoirChannel Reconstruction *Floodplain*: Sediment Removal	*Same as 6, above*

*Dam modifications: upgrading the dam to withstand the probable maximum flow; installing a fish ladder or performing trap-and-haul for fish passage; and installing an inflatable rubber dam to replace the existing flashboard assembly. It should be noted that all upgrades of the dam for safety reasons or fish passage are dictated under FERC's authority, not Superfund authority. These items (i.e, upgrades, fish passage) have been included in the FS for cost comparison only. Note: Alternative 4 was eliminated from consideration. The alternative numbers correspond with the Focused Feasibility Study.